

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A computer-implemented method for securing intellectual property rights, the method comprising:  
providing, from a first server computer to a client computer, a ~~smart~~ electronic invention disclosure form to be filled out;  
actively prompting a user of the client computer to provide information corresponding to an invention into pre-selected fields of the ~~smart~~ electronic invention disclosure form;  
receiving a filled-out invention disclosure in electronic form on the first server;  
and  
automatically converting the invention disclosure form into a format of a patent application in response to a single click instruction input by the user on the first client and received by the server.
2. (Currently Amended) The method of claim 1 further comprising:  
active prompting of an inventor by the ~~smart~~ disclosure form to provide best modes known to the inventor for practicing an invention.
3. (Currently Amended) The method of claim 2 further comprising:  
active prompting of an inventor by the ~~smart~~ disclosure form to provide detailed information required to enable one of ordinary skill to practice the invention.
4. (Currently Amended) The method of claim 3 further comprising:  
active prompting of an inventor by the ~~smart~~ disclosure form to identify co-inventors, if any, of the invention,

wherein the ~~smart~~ disclosure form prompts an inventor to input information in pre-selected fields.

5. (Previously presented) The method of claim 4 wherein information in pre-selected fields of the invention disclosure form is selectively placed in a pre-selected location in said patent application.

6. (Original) The method of claim 5 wherein the single click also causes the patent application to be filed at a patent office.

7. (Original) The method of claim 6 wherein the patent application is filed at the patent office electronically.

8. (Original) The method of claim 7 further comprising:  
executing the patent application with a digital signature of an inventor, assignee, or registered patent practitioner before the patent application is filed.

9. (Previously Presented) The method of claim 7 further comprising:  
encrypting the patent application with a private key of the inventor, assignee, or registered patent practitioner before the patent application is filed.

10. (Original) The method of claim 9 further comprising:  
maintaining a registry of public keys at the patent office; and  
decrypting the patent application with a public key for the inventor, assignee, or registered patent practitioner.

11. (Original) The method of claim 7 further comprising:  
transmitting notification that the patent application was filed to an intellectual property (IP) server.

12. (Original) The method of claim 11 further comprising:  
automatic calendaring by the IP server of a deadline date for foreign filing under  
an international convention.
13. (Original) The method of claim 12 further comprising:  
transmitting a reminder communication from the IP server to a specified address  
at a specified time period before the deadline date.
14. (Original) The method of claim 12 wherein the patent application  
comprises a provisional patent application and further comprising:  
automatic calendaring by the IP server of a deadline date for converting the  
provisional patent application to a non-provisional patent application.
15. (Original) The method of claim 4 further comprising:  
providing drawing tool icons to facilitate creation of figures to be included in the  
filled-out invention disclosure.
16. (Original) The method of claim 15 further comprising:  
active prompting of the inventor by the ~~smart~~ disclosure form to create figures  
depicting novel aspects of the invention.
17. (Original) The method of claim 4 further comprising:  
receiving as input a single click on a scan button to cause a drawing to be scanned  
and included as a figure in the filled-out invention disclosure form.
- 18 – 37. (Canceled)
38. (New) A computer program embodied on one or more computer readable  
medium, the computer program comprising instructions executable by one or more computers to:  
provide, from a first server computer to a client computer, an electronic invention  
disclosure form to be filled out;

actively prompt a user of the client computer to provide information corresponding to an invention into pre-selected fields of the electronic invention disclosure form;  
receiving a filled-out invention disclosure in electronic form on the first server;  
and  
automatically convert the invention disclosure form into a format of a patent application in response to a single click instruction input by the user on the first client and received by the server.

39. (New) A computer server for securing intellectual property rights, the computer server comprising a processor and a computer readable medium, the computer readable medium comprising instructions executable by the processor to:

provide to a client computer an electronic invention disclosure form to be filled out;

actively prompt a user of the client computer to provide information corresponding to an invention into pre-selected fields of the electronic invention disclosure form;  
receive from the client computer a filled-out invention disclosure in electronic form; and

automatically converting the invention disclosure form into a format of a patent application in response to a single click instruction input received from the user on the client computer.